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Terms	Documents
6579723.pn.	1

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US Patents Full-Text Database
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JPO Abstracts Database
Derwent World Patents Index
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DATE: Friday, March 04, 2005 [Printable Copy](#) [Create Case](#)

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<u>L3</u>	6579723.pn.	1	<u>L3</u>
<u>L2</u>	6228613.pn.	1	<u>L2</u>
<u>L1</u>	6831159.pn.	1	<u>L1</u>

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NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and February 2005
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NEWS 18 FEB 10 STN Patent Forums to be held in March 2005
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS National Meeting on March 13, 2005
NEWS 20 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS 21 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 22 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 23 MAR 02 GBFULL: New full-text patent database on STN
NEWS 24 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 25 MAR 03 MEDLINE file segment of TOXCENTER reloaded

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=> s Factor VIII-vWF complex
L1 65 FACTOR VIII-VWF COMPLEX

=> s 11 and recovery
L2 24 L1 AND RECOVERY

=> s 12 and salt concentration
L3 6 L2 AND SALT CONCENTRATION

=> d 13 ti abs ibib tot

L3 ANSWER 1 OF 6 USPATFULL on STN
TI Method for purifying factor VIII/vWF complex by cation-exchange chromatography
AB Methods for recovering **factor VIII/vWF-complex** that involve binding **factor VIII/vWF-complex** from a protein solution to a cation exchanger and recovering **factor VIII/vWF-complex** by step-wise elution are disclosed. The recovered complex contains high-molecular vWF multimers. Compositions containing **factor VIII/vWF-complex** as purified by cation exchange chromatography are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:317310 USPATFULL

TITLE: Method for purifying factor VIII/vWF company by cation-exchange chromatography

INVENTOR(S) : Mitterer, Artur, Mannsdorf, AUSTRIA

Fischer, Bernhard, Vienna, AUSTRIA

Schonberger, Oyvind L., Vienna, AUSTRIA

Thomas - Urba

REPUBLIC OF
Dorner, Friedrich, Vienna, GERMANY, FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S) : Baxter Aktiengesellschaft, Vienna, AUSTRIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6831159 | B1 | 20041214 |
| | WO 9838220 | | 19980903 |
| APPLICATION INFO.: | US 2000-367459 | | 20000508 (9) |
| | WO 1998-AT43 | | 19980227 |
| | | | 20000508 PCT 371 date |

| | NUMBER | DATE |
|--|--|----------|
| PRIORITY INFORMATION: | AT 1997-338 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Low, Christopher S. F. | |
| ASSISTANT EXAMINER: | Robinson, Hope A. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 11 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 2 Drawing Page(s) | |
| LINE COUNT: | 656 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 2 OF 6 USPATFULL on STN

TI Method of recovering highly purified vWF or **factor VIII/vWF-complex**

AB A method for purifying **factor VIII/vWF-complex** or free vWF by immunoaffinity chromatography in a form suitable for use as a medicament. **Factor VIII/vWF complex** or free vWF is recovered from an immunoaffinity adsorbent by using an eluting agent containing a zwitterionic species. The presence of the zwitterionic species allows for the use of mild conditions throughout the preparation, facilitating retention of molecular integrity, activity, and incorporation of the recovered proteins into pharmaceutical preparations without the need for additional stabilizers or preservatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:161896 USPATFULL

TITLE: Method of recovering highly purified vWF or **factor VIII/vWF-complex**

INVENTOR(S): Mitterer, Artur, Mannsdorf, AUSTRIA
Fiedler, Christian, Vienna, AUSTRIA
Fischer, Bernhard, Vienna, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA

PATENT ASSIGNEE(S) : Baxter Aktiengesellschaft, Vienna, AUSTRIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6579723 | B1 | 20030617 |
| | WO 9838218 | | 19980903 |
| APPLICATION INFO.: | US 1999-367362 | | 19991021 (9) |
| | WO 1998-AT33 | | 19980218 |

| | NUMBER | DATE |
|-----------------------|------------------------------------|----------|
| PRIORITY INFORMATION: | AT 1997-339 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Le, Long V. | |
| ASSISTANT EXAMINER: | Gabel, Gailene R. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 51 | |

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 1046
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 6 USPATFULL on STN
TI Purification of von-Willebrand factor by cation exchanger chromatography
AB Disclosed are a method of recovering vWF in which vWF at a low salt concentration is bound to a cation exchanger and vWF having a high specific activity is recovered by fractionated elution, as well as a preparation having purified vWF obtainable by this method.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:268871 USPATFULL
TITLE: Purification of von-Willebrand factor by cation exchanger chromatography
INVENTOR(S): Fischer, Bernhard, Vienna, AUSTRIA
Schonberger, Oyvind L., Vienna, AUSTRIA
Mitterer, Artur, Mannsdorf, AUSTRIA
Fiedler, Christian, Vienna, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, AUSTRALIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6465624 | B1 | 20021015 |
| | WO 9838219 | | 19980903 |
| APPLICATION INFO.: | US 1999-367460 | | 19991021 (9) |
| | WO 1998-AT34 | | 19980218 |
| | | | 19991021 PCT 371 date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | AT 1997-337 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Carlson, Karen Cochrane | |
| ASSISTANT EXAMINER: | Robinson, Hope A. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 22 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 3 Drawing Figure(s); 3 Drawing Page(s) | |
| LINE COUNT: | 726 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 6 USPATFULL on STN
TI Method for purifying factor vWF-complex by means of cation exchange chromatography
AB There is disclosed a method of recovering **factor VIII/vWF-complex** which is characterized in that **factor VIII/vWF-complex** from a protein solution is bound to a cation exchanger and is recovered by step-wise elution of **factor VIII/vWF-complex**, which particularly contains high-molecular vWF multimers, as well as a **factor VIII/vWF-complex** obtainable by means of cation exchange chromatography.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:112884 USPATFULL
TITLE: Method for purifying factor vWF-complex by means of cation exchange chromatography
INVENTOR(S): Mitterer, Artur, Mannsdorf, AUSTRIA
Fischer, Bernhard, Vienna, AUSTRIA
Schonberger, Oyvind L., Vienna, AUSTRIA
Thomas-Urban, Kathrin, Freiburg, GERMANY, FEDERAL

REPUBLIC OF
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA

NUMBER KIND DATE

PATENT INFORMATION: US 2002058625 A1 20020516
APPLICATION INFO.: US 2001-3621 A1 20011102 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2000-367459, filed on 8 May
2000, PENDING A 371 of International Ser. No. WO
1998-AT43, filed on 27 Feb 1998, UNKNOWN

NUMBER DATE

PRIORITY INFORMATION: AT 1997-338 19970227
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO
CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 663
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 6 USPATFULL on STN
TI Stable factor VIII / vWF-complex
AB There are disclosed a stable factor VIII/vWF
-complex, particularly comprising high-molecular vWF
multimers, being free from low-molecular vWF molecules and from
proteolytic vWF degradation products, as well as a method of producing
this complex.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:43190 USPATFULL
TITLE: Stable factor VIII / vWF-
complex
INVENTOR(S): Fischer, Bernhard, Vienna, AUSTRIA
Mitterer, Artur, Mannsdorf, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA

NUMBER KIND DATE

PATENT INFORMATION: US 2002025556 A1 20020228
APPLICATION INFO.: US 2001-849484 A1 20010507 (9)
RELATED APPLN. INFO.: Division of Ser. No. US 1998-142768, filed on 6 Nov
1998, GRANTED, Pat. No. US 6228613 A 371 of
International Ser. No. WO 1997-AT55, filed on 13 Mar
1997, UNKNOWN

NUMBER DATE

PRIORITY INFORMATION: AT 1996-494 19960315
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HELLER EHRLICH WHITE & MCAULIFFE LLP, 1666 K STREET, NW,
SUITE 300, WASHINGTON, DC, 20006
NUMBER OF CLAIMS: 43
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Page(s)
LINE COUNT: 1141
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL on STN
TI Stable factor VIII/von Willebrand factor complex
AB There are disclosed a stable factor VIII/vWF
-complex, particularly comprising high-molecular vWF

multimers, being free from low-molecular vWF molecules and from proteolytic vWF degradation products, as well as a method of producing this complex.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:67424 USPATFULL
TITLE: Stable factor VIII/von Willebrand factor complex

INVENTOR(S): Fischer, Bernhard, Vienna, Austria
Mitterer, Artur, Mannsdorf, Austria
Dorner, Friedrich, Vienna, Austria
Eibl, Johann, Vienna, Austria

PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, Austria (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6228613 | B1 | 20010508 |
| | WO 9734930 | | 19970925 |
| APPLICATION INFO.: | US 1998-142768 | | 19981106 (9) |
| | WO 1997-AT55 | | 19970313 |
| | | | 19981106 PCT 371 date |
| | | | 19981106 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | AT 1996-494 | 19960315 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Carlson, Karen Cochrane | |
| ASSISTANT EXAMINER: | Robinson, Hope A. | |
| LEGAL REPRESENTATIVE: | Heller Ehrman White & McAuliffe | |
| NUMBER OF CLAIMS: | 40 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 9 Drawing Figure(s); 9 Drawing Page(s) | |
| LINE COUNT: | 1098 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS, BIOSIS' ENTERED AT 10:30:44 ON 04 MAR 2005

L1 65 S FACTOR VIII-VWF COMPLEX
L2 24 S L1 AND RECOVERY
L3 6 S L2 AND SALT CONCENTRATION

=> s l1 and (buffer)
L4 21 L1 AND (BUFFER)

=> s l4 and (no salt)
L5 17 L4 AND (NO SALT)

=> s l5 and (elution)
L6 15 L5 AND (ELUTION)

=> d l6 ti abs ibib tot

L6 ANSWER 1 OF 15 USPATFULL on STN
TI Method for purifying factor VIII/vWF company by cation-exchange chromatography
AB Methods for recovering factor VIII/vWF-complex that involve binding factor VIII/vWF-complex from a protein solution to a cation exchanger and recovering factor VIII/vWF-complex by step-wise elution are disclosed. The recovered complex contains high-molecular vWF multimers. Compositions

containing factor VIII/vWF-complex
as purified by cation exchange chromatography are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:317310 USPATFULL
TITLE: Method for purifying factor VIII/vWF company by cation-exchange chromatography
INVENTOR(S): Mitterer, Artur, Mannsdorf, AUSTRIA
Fischer, Bernhard, Vienna, AUSTRIA
Schonberger, Oyvind L., Vienna, AUSTRIA
Thomas-Urban, Kathrin, Freiburg, GERMANY, FEDERAL REPUBLIC OF
Dorner, Friedrich, Vienna, GERMANY, FEDERAL REPUBLIC OF
Eibl, Johann, Vienna, AUSTRIA
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, AUSTRALIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6831159 | B1 | 20041214 |
| | WO 9838220 | | 19980903 |
| APPLICATION INFO.: | US 2000-367459 | | 20000508 (9) |
| | WO 1998-AT43 | | 19980227 |
| | | | 20000508 PCT 371 date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | AT 1997-338 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Low, Christopher S. F. | |
| ASSISTANT EXAMINER: | Robinson, Hope A. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 11 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 2 Drawing Page(s) | |
| LINE COUNT: | 656 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 15 USPATFULL on STN
TI Method of recovering highly purified vWF or **factor VIII/vWF-complex**
AB A method for purifying **factor VIII/vWF-complex** or free vWF by immunoaffinity chromatography in a form suitable for use as a medicament. **Factor VIII/vWF complex** or free vWF is recovered from an immunoaffinity adsorbent by using an eluting agent containing a zwitterionic species. The presence of the zwitterionic species allows for the use of mild conditions throughout the preparation, facilitating retention of molecular integrity, activity, and incorporation of the recovered proteins into pharmaceutical preparations without the need for additional stabilizers or preservatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:161896 USPATFULL
TITLE: Method of recovering highly purified vWF or **factor VIII/vWF-complex**
INVENTOR(S): Mitterer, Artur, Mannsdorf, AUSTRIA
Fiedler, Christian, Vienna, AUSTRIA
Fischer, Bernhard, Vienna, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, AUSTRIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|--|--------|------|------|
| | | | |

PATENT INFORMATION: US 6579723 B1 20030617
WO 9838218 19980903
APPLICATION INFO.: US 1999-367362 19991021 (9)
WO 1998-AT33 19980218

| | NUMBER | DATE |
|--|--|----------|
| PRIORITY INFORMATION: | AT 1997-339 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Le, Long V. | |
| ASSISTANT EXAMINER: | Gabel, Gailene R. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 51 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 1 Drawing Figure(s); 1 Drawing Page(s) | |
| LINE COUNT: | 1046 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L6 ANSWER 3 OF 15 USPATFULL on STN
TI Purification of von-Willebrand factor by cation exchanger chromatography
AB Disclosed are a method of recovering vWF in which vWF at a low salt concentration is bound to a cation exchanger and vWF having a high specific activity is recovered by fractionated elution, as well as a preparation having purified vWF obtainable by this method.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:268871 USPATFULL
TITLE: Purification of von-Willebrand factor by cation exchanger chromatography
INVENTOR(S): Fischer, Bernhard, Vienna, AUSTRIA
Schonberger, Oyvind L., Vienna, AUSTRIA
Mitterer, Artur, Mannsdorf, AUSTRIA
Fiedler, Christian, Vienna, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, AUSTRALIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6465624 | B1 | 20021015 |
| | WO 9838219 | | 19980903 |
| APPLICATION INFO.: | US 1999-367460 | | 19991021 (9) |
| | WO 1998-AT34 | | 19980218 |
| | | | 19991021 PCT 371 date |

| | NUMBER | DATE |
|--|--|----------|
| PRIORITY INFORMATION: | AT 1997-337 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Carlson, Karen Cochrane | |
| ASSISTANT EXAMINER: | Robinson, Hope A. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 22 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 3 Drawing Figure(s); 3 Drawing Page(s) | |
| LINE COUNT: | 726 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L6 ANSWER 4 OF 15 USPATFULL on STN
TI Method of chromatographically purifying or fractionating, respectively, von Willebrand factor from a VWF-containing starting material
AB Disclosed is a method of chromatographically purifying or fractionating, respectively, von Willebrand factor (vWF) from a vWF-containing starting material, comprising the following steps:

adsorbing the vWF from the starting material on avid collagen immobilized on a carrier,

separating the non-adsorbed portion and, optionally, washing the carrier,

eluting the vWF from immobilized collagen, and

recovering the purified vWF, as well as a pharmaceutical preparation comprising biologically active vWF which is bound to collagen in a stable manner.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:160854 USPATFULL
TITLE: Method of chromatographically purifying or fractionating, respectively, von Willebrand factor from a VWF-containing starting material
INVENTOR(S): Siekmann, Juergen, Vienna, AUSTRIA
Turecek, Peter, Klosterneuburg, AUSTRIA
Schwarz, Hans-Peter, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA
Fischer, Bernhard, Vienna, AUSTRIA
Mitterer, Artur, Mannsdorf, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, AUSTRIA (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|-----------------------|
| PATENT INFORMATION: | US 6414125 | B1 | 20020702 |
| | WO 9833820 | | 19980806 |
| APPLICATION INFO.: | US 1999-355865 | | 19991021 (9) |
| | WO 1998-AT20 | | 19980130 |
| | | | 19991021 PCT 371 date |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | AT 1997-176 | 19970204 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Carlson, Karen Cochrane | |
| ASSISTANT EXAMINER: | Robinson, Hope A. | |
| LEGAL REPRESENTATIVE: | Townsend and Townsend and Crew LLP | |
| NUMBER OF CLAIMS: | 47 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 1 Drawing Figure(s); 1 Drawing Page(s) | |
| LINE COUNT: | 659 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 15 USPATFULL on STN

TI Method for purifying factor vWF-complex by means of cation exchange chromatography

AB There is disclosed a method of recovering **factor VIII/vWF-complex** which is characterized in that **factor VIII/vWF-complex** from a protein solution is bound to a cation exchanger and is recovered by step-wise elution of **factor VIII/vWF-complex**, which particularly contains high-molecular vWF multimers, as well as a **factor VIII/vWF-complex** obtainable by means of cation exchange chromatography.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:112884 USPATFULL
TITLE: Method for purifying factor vWF-complex by means of cation exchange chromatography
INVENTOR(S): Mitterer, Artur, Mannsdorf, AUSTRIA
Fischer, Bernhard, Vienna, AUSTRIA

Schonberger, Oyvind L., Vienna, AUSTRIA
Thomas-Urban, Kathrin, Freiburg, GERMANY, FEDERAL
REPUBLIC OF
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2002058625 | A1 | 20020516 |
| APPLICATION INFO.: | US 2001-3621 | A1 | 20011102 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2000-367459, filed on 8 May 2000, PENDING A 371 of International Ser. No. WO 1998-AT43, filed on 27 Feb 1998, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | AT 1997-338 | 19970227 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834 | |
| NUMBER OF CLAIMS: | 20 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | |
| LINE COUNT: | 663 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 15 USPATFULL on STN
TI Stable factor VIII / vWF-complex
AB There are disclosed a stable factor VIII/vWF-complex, particularly comprising high-molecular vWF multimers, being free from low-molecular vWF molecules and from proteolytic vWF degradation products, as well as a method of producing this complex.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:43190 USPATFULL
TITLE: Stable factor VIII / vWF-complex
INVENTOR(S): Fischer, Bernhard, Vienna, AUSTRIA
Mitterer, Artur, Mannsdorf, AUSTRIA
Dorner, Friedrich, Vienna, AUSTRIA
Eibl, Johann, Vienna, AUSTRIA

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2002025556 | A1 | 20020228 |
| APPLICATION INFO.: | US 2001-849484 | A1 | 20010507 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1998-142768, filed on 6 Nov 1998, GRANTED, Pat. No. US 6228613 A 371 of International Ser. No. WO 1997-AT55, filed on 13 Mar 1997, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | AT 1996-494 | 19960315 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | HELLER EHRLICH WHITE & MCAULIFFE LLP, 1666 K STREET, NW, SUITE 300, WASHINGTON, DC, 20006 | |
| NUMBER OF CLAIMS: | 43 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 9 Drawing Page(s) | |
| LINE COUNT: | 1141 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 15 USPATFULL on STN
TI Highly purified factor VIII complex

AB There is disclosed a highly purified complex comprising the components factor VIII and vWF having a specific activity of at least 70, preferably 100 to 300 U factor VIII:C/mg, a stable pharmaceutical preparation containing this complex as well as a method of producing the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:185463 USPATFULL
TITLE: Highly purified factor VIII complex
INVENTOR(S): Schonhofer, Wolfgang, Polten, Austria
Eibl, Johann, Vienna, Austria
Weber, Alfred, Vienna, Austria
Linnau, Yendra, Vienna, Austria
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, Austria (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6307032 | B1 | 20011023 |
| | WO 9739033 | | 19971023 |
| APPLICATION INFO.: | US 1998-171121 | | 19981118 (9) |
| | WO 1997-AT69 | | 19970409 |
| | | | 19981118 PCT 371 date |
| | | | 19981118 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|---------------------------------|----------|
| PRIORITY INFORMATION: | AT 1996-667 | 19960412 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Carlson, Karen Cochrane | |
| ASSISTANT EXAMINER: | Schnizer, Holly | |
| LEGAL REPRESENTATIVE: | Heller Ehrman White & McAuliffe | |
| NUMBER OF CLAIMS: | 29 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 509 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 15 USPATFULL on STN
TI Stable factor VIII/von Willebrand factor complex
AB There are disclosed a stable **factor VIII/vWF**-complex, particularly comprising high-molecular vWF multimers, being free from low-molecular vWF molecules and from proteolytic vWF degradation products, as well as a method of producing this complex.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:67424 USPATFULL
TITLE: Stable factor VIII/von Willebrand factor complex
INVENTOR(S): Fischer, Bernhard, Vienna, Austria
Mitterer, Artur, Mannsdorf, Austria
Dorner, Friedrich, Vienna, Austria
Eibl, Johann, Vienna, Austria
PATENT ASSIGNEE(S): Baxter Aktiengesellschaft, Vienna, Austria (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6228613 | B1 | 20010508 |
| | WO 9734930 | | 19970925 |
| APPLICATION INFO.: | US 1998-142768 | | 19981106 (9) |
| | WO 1997-AT55 | | 19970313 |
| | | | 19981106 PCT 371 date |
| | | | 19981106 PCT 102(e) date |

| | NUMBER | DATE |
|-----------------------|-------------|----------|
| PRIORITY INFORMATION: | AT 1996-494 | 19960315 |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Carlson, Karen Cochrane
ASSISTANT EXAMINER: Robinson, Hope A.
LEGAL REPRESENTATIVE: Heller Ehrman White & McAuliffe
NUMBER OF CLAIMS: 40
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Figure(s); 9 Drawing Page(s)
LINE COUNT: 1098
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 15 USPATFULL on STN

TI Vectors and cell lines capable of correctly splicing exon regions
AB A recombinant DNA vector is provided that expresses exons of genomic DNA fragments that are inserted into the vector. The vector contains a promoter and a genomic DNA fragment so characterized and configured that the vector, upon transcription in a transfected eukaryotic cell culture, expresses the corresponding RNA segment of the genomic DNA fragment free of any intron.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 97:101662 USPATFULL
TITLE: Vectors and cell lines capable of correctly splicing exon regions
INVENTOR(S): Capon, Daniel J., San Mateo, CA, United States
Lawn, Richard M., San Francisco, CA, United States
Vehar, Gordon A., San Carlos, CA, United States
Wood, William I., San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 5683905 | | 19971104 |
| APPLICATION INFO.: | US 1995-448171 | | 19950523 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1990-595481, filed on 9 Oct 1990 which is a continuation of Ser. No. US 1987-83758, filed on 7 Aug 1987, now patented, Pat. No. US 4965199 which is a continuation of Ser. No. US 1984-602312, filed on 20 Apr 1984, now abandoned | | |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Robinson, Douglas W.
ASSISTANT EXAMINER: Wai, Thanda
LEGAL REPRESENTATIVE: Hasak, Janet E., McNicholas, Janet M.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 41 Drawing Figure(s); 32 Drawing Page(s)
LINE COUNT: 2579
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 15 USPATFULL on STN

TI Preparation of functional human factor VIII and pharmaceutical treatment therewith
AB Functional human factor VIII produced recombinantly is used in the treatment of human beings diagnosed to be deficient in factor VIII coagulant activity. Also provided are DNA isolates and expression vehicles encoding functional human factor VIII, as well as transformed host cells and processes for producing human factor VIII by use of recombinant DNA technology.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 97:83935 USPATFULL
TITLE: Preparation of functional human factor VIII and pharmaceutical treatment therewith
INVENTOR(S): Capon, Daniel J., San Mateo, CA, United States
Lawn, Richard M., San Francisco, CA, United States
Vehar, Gordon A., San Carlos, CA, United States

PATENT ASSIGNEE(S) : Wood, William I., San Mateo, CA, United States
Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|--|--|------|--------------|
| PATENT INFORMATION: | US 5668108 | | 19970916 |
| APPLICATION INFO.: | US 1995-447654 | | 19950523 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1990-570096, filed on 20 Aug 1990, now patented, Pat. No. US 5618788 which is a continuation of Ser. No. US 1987-83758, filed on 7 Aug 1987, now patented, Pat. No. US 4965199 which is a continuation of Ser. No. US 1984-602312, filed on 20 Apr 1984, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Hasak, Janet E. | | |
| NUMBER OF CLAIMS: | 2 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 41 Drawing Figure(s); 32 Drawing Page(s) | | |
| LINE COUNT: | 2566 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L6 ANSWER 11 OF 15 USPATFULL on STN
TI Method of hybridization using oligonucleotide probes
AB An improved method of hybridization with oligonucleotide probes using tetramethylammonium chloride is provided. The method is useful for screening mixtures of DNA sequences, including libraries of high DNA sequence complexity, with a single oligonucleotide probe or a pool of probes representing all possible codon choices for a short amino acid sequence.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 97:68321 USPATFULL
TITLE: Method of hybridization using oligonucleotide probes
INVENTOR(S): Wood, William I., San Mateo, CA, United States
Lasky, Laurence A., Sausalito, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--|---|------|--------------|
| PATENT INFORMATION: | US 5654147 | | 19970805 |
| APPLICATION INFO.: | US 1995-447486 | | 19950523 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1992-829867, filed on 3 Feb 1992, now patented, Pat. No. US 5618789 which is a division of Ser. No. US 1990-570096, filed on 20 Aug 1990, now patented, Pat. No. US 5618788 which is a continuation of Ser. No. US 1987-83758, filed on 7 Aug 1987, now patented, Pat. No. US 4965199 which is a continuation of Ser. No. US 1984-602312, filed on 20 Apr 1984, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jones, W. Gary | | |
| ASSISTANT EXAMINER: | Rees, Dianne | | |
| LEGAL REPRESENTATIVE: | Hasak, Janet E. | | |
| NUMBER OF CLAIMS: | 5 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 41 Drawing Figure(s); 32 Drawing Page(s) | | |
| LINE COUNT: | 2586 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L6 ANSWER 12 OF 15 USPATFULL on STN
TI Preparation of functional human factor VIII
AB Functional human factor VIII produced recombinantly is used in the treatment of human beings diagnosed to be deficient in factor VIII

coagulant activity. Also provided are DNA isolates and expression vehicles encoding functional human factor VIII, as well as transformed host cells and processes for producing human factor VIII by use of recombinant DNA technology.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 97:44916 USPATFULL

TITLE: Preparation of functional human factor VIII

INVENTOR(S): Wood, William I., San Mateo, CA, United States

Capon, Daniel J., San Mateo, CA, United States

Lawn, Richard M., San Francisco, CA, United States

Vehar, Gordon A., San Carlos, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 5633150 | | 19970527 |
| APPLICATION INFO.: | US 1990-595481 | | 19901009 (7) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1987-83758, filed on 7 Aug 1987, now patented, Pat. No. US 4965199 which is a continuation of Ser. No. US 1984-602312, filed on 20 Apr 1984, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Hasak, Janet E. | | |
| NUMBER OF CLAIMS: | 6 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 40 Drawing Figure(s); 32 Drawing Page(s) | | |
| LINE COUNT: | 2495 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 13 OF 15 USPATFULL on STN

TI Functional human factor VIII

AB Functional human factor VIII produced recombinantly is used in the treatment of human beings diagnosed to be deficient in factor VIII coagulant activity. Also provided are DNA isolates and expression vehicles encoding functional human factor VIII, as well as transformed host cells and processes for producing human factor VIII by use of recombinant DNA technology.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 97:29446 USPATFULL

TITLE: Functional human factor VIII

INVENTOR(S): Capon, Daniel J., San Mateo, CA, United States

Lawn, Richard M., San Francisco, CA, United States

Vehar, Gordon A., San Carlos, CA, United States

Wood, William I., San Mateo, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 5618789 | | 19970408 |
| APPLICATION INFO.: | US 1992-829867 | | 19920203 (7) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1990-570096, filed on 20 Aug 1990 which is a continuation of Ser. No. US 1987-83758, filed on 7 Aug 1987, now patented, Pat. No. US 4965199 which is a continuation of Ser. No. US 1984-602312, filed on 20 Apr 1984, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Jacobson, Dian C. | | |
| LEGAL REPRESENTATIVE: | Hasak, Janet E. | | |
| NUMBER OF CLAIMS: | 7 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 41 Drawing Figure(s); 32 Drawing Page(s) | | |

LINE COUNT: 2485
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 14 OF 15 USPATFULL on STN
TI Preparation of functional human factor VIII and pharmaceutical treatment therewith
AB Functional human factor VIII produced recombinantly is used in the treatment of human beings diagnosed to be deficient in factor VIII coagulant activity. Also provided are DNA isolates and expression vehicles encoding functional human factor VIII, as well as transformed host cells and processes for producing human factor VIII by use of recombinant DNA technology.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 97:29445 USPATFULL
TITLE: Preparation of functional human factor VIII and pharmaceutical treatment therewith
INVENTOR(S): Capon, Daniel J., San Mateo, CA, United States
Lawn, Richard M., San Francisco, CA, United States
Vehar, Gordon A., San Carlos, CA, United States
Wood, William I., San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 5618788 | | 19970408 |
| APPLICATION INFO.: | US 1990-570096 | | 19900820 (7) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1987-83758, filed on 7 Aug 1987, now patented, Pat. No. US 4965199 which is a continuation of Ser. No. US 1984-602312, filed on 20 Apr 1984, now abandoned | | |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Jacobson, Dian C.
LEGAL REPRESENTATIVE: Hasak, Janet E.
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 41 Drawing Figure(s); 32 Drawing Page(s)
LINE COUNT: 2536
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 15 OF 15 USPATFULL on STN
TI Preparation of functional human factor VIII in mammalian cells using methotrexate based selection
AB A method for producing factor VIII in recombinant mammalian host cells utilizing an expression vector containing a selectable marker DNA and an amplifiable marker DNA. The initial selection is based upon the selectable marker and subsequent amplification of factor VIII DNA and amplifiable marker DNA is conducted in cells not deficient in the amplifiable marker.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 90:81726 USPATFULL
TITLE: Preparation of functional human factor VIII in mammalian cells using methotrexate based selection
INVENTOR(S): Capon, Daniel J., San Mateo, CA, United States
Lawn, Richard M., San Francisco, CA, United States
Levinson, Arthur D., Hillsborough, CA, United States
Vehar, Gordon A., San Carlos, CA, United States
Wood, William I., San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|---------------|------|--------------|
| PATENT INFORMATION: | US 4965199 | | 19901023 |
| APPLICATION INFO.: | US 1987-83758 | | 19870807 (7) |

RELATED APPLN. INFO.: Continuation of Ser. No. US 1984-602312, filed on 20
Apr 1984
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Teskin, Robin L.
LEGAL REPRESENTATIVE: Hasak, Janet E.
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Figure(s); 32 Drawing Page(s)
LINE COUNT: 2416
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> e fischer, b/au

| | | |
|-----|-------|------------------------|
| E1 | 3 | FISCHER ZORN M/AU |
| E2 | 1 | FISCHER ZUJKOV UTE/AU |
| E3 | 0 --> | FISCHER, B/AU |
| E4 | 1 | FISCHERA CHRISTINE/AU |
| E5 | 2 | FISCHERA S/AU |
| E6 | 4 | FISCHERAUER A/AU |
| E7 | 1 | FISCHERAUER ALICE/AU |
| E8 | 7 | FISCHERAUER G/AU |
| E9 | 1 | FISCHERAUER GERHARD/AU |
| E10 | 1 | FISCHERBACH M/AU |
| E11 | 3 | FISCHERBAR C/AU |
| E12 | 1 | FISCHERBLE P/AU |

=> e mitterrer, a/au

| | | |
|-----|-------|--------------------------------|
| E1 | 26 | MITTERREITER J/AU |
| E2 | 12 | MITTERREITER JOHANN/AU |
| E3 | 0 --> | MITTERRER, A/AU |
| E4 | 1 | MITTERSCHIFFHALER A/AU |
| E5 | 1 | MITTERSCHIFFHALER G/AU |
| E6 | 9 | MITTERSCHIFFHALER A/AU |
| E7 | 4 | MITTERSCHIFFHALER ANDREA/AU |
| E8 | 153 | MITTERSCHIFFHALER G/AU |
| E9 | 7 | MITTERSCHIFFHALER GOTTFRIED/AU |
| E10 | 6 | MITTERSCHIFFHALER M T/AU |
| E11 | 13 | MITTERSCHIFFHALER MARTINA T/AU |
| E12 | 12 | MITTERSINKER G/AU |

=> e dorner, f/au

| | | |
|-----|-------|----------------------|
| E1 | 31 | DORNER WOLFGANG C/AU |
| E2 | 3 | DORNER Z/AU |
| E3 | 0 --> | DORNER, F/AU |
| E4 | 1 | DORNERCIOSEK C/AU |
| E5 | 5 | DORNES B J/AU |
| E6 | 6 | DORNES BRYAN J/AU |
| E7 | 2 | DORNES J/AU |
| E8 | 2 | DORNES JOHN/AU |
| E9 | 9 | DORNES M/AU |
| E10 | 1 | DORNES PATRICK/AU |
| E11 | 5 | DORNES W/AU |
| E12 | 1 | DORNESCO D/AU |

=> e eibl, j/au

| | | |
|-----|-------|------------------|
| E1 | 3 | EIBL W/AU |
| E2 | 1 | EIBL WEISER K/AU |
| E3 | 0 --> | EIBL, J/AU |
| E4 | 1 | EIBLE H/AU |
| E5 | 1 | EIBLE M M/AU |
| E6 | 1 | EIBLEIBESF B/AU |
| E7 | 1 | EIBLEMIER P/AU |
| E8 | 3 | EIBLER C/AU |
| E9 | 22 | EIBLER E/AU |
| E10 | 2 | EIBLER E T/AU |
| E11 | 5 | EIBLER ERNST/AU |
| E12 | 5 | EIBLER G/AU |